

ABoVE Full SDT Telecon – 9/26/13

Attendees:, Natalie Boelman, Steve Colt, Josh Fisher, Scott Goetz, Peter Griffith, Forrest Hall, Bob Harriss, Dan Hayes, Jeremy Karchut, Libby Larson, Michelle Mack, Juha Metsaranta, Mike Rawlins, Ruth Varner, Diane Wickland, Stan Wullschleger; Rapporteur: Elizabeth Hoy

Agenda:

1. Roundtable discussion of Chapter 3 small group write-ups and Chapter 4 research requirements
2. Structure/Agenda of the Ottawa SDT Meeting

Roundtable Discussion

Small groups discussed progress on their Chapter 3 write-ups and Chapter 4 research requirements table. Review “ABoVE Work Strategy for Chapters 3 and 4 Updated.doc” for details. Below is a table showing the progress of each group:

Group	Status/Progress
Societal	Finished with chapter 3 write-up. Material for the Chapter 4 research requirements table is in progress.
Permafrost	Finished with chapter 3 write-up. Material for the Chapter 4 research requirements table is in progress.
Flora and Fauna	Finished with chapter 3 write-up. Material for the Chapter 4 research requirements table is in progress by individuals within the group and needs to be synthesized by group members.
Disturbance	Finished with chapter 3 write-up. Material for the Chapter 4 research requirements table is in progress. There is some overlap within this group and the permafrost group. Sitting down as a large group in Ottawa could be helpful to synthesize this material.
Soil Carbon	Finished with chapter 3 write-up. Material for the Chapter 4 research requirements table is in progress. This group would appreciate greater direction regarding the research requirements table.
Hydrology	Finished with chapter 3 write-up (it has been trimmed down to 2 pages with 3 objectives, two of which are cross-cutting objectives). Material for the Chapter 4 research requirements table is in progress. A draft list of requirements has been sent to members of the working group and prior to the next telecon the group plans to go back and work on the requirements in greater detail.
Integrative	Now that other groups have submitted their write-ups, this group will go back and work on this theme in relation to the Chapter 3 framework. A goal is to have this section completed prior to the Ottawa meeting.

A general discussion of Chapters 3 and 4 of the ACEP followed the reports from the small groups. It was noted that there is overlap in some of the materials submitted for Chapter 3, however the co-chairs will synthesize that material. As Chapter 4 is written, it may also be necessary to go back and review the material from Chapter 3. Additionally, SDT members were asked to reconsider the geospatial datasets that they may want to view as part of the creation of the material for Chapter 4.

ACEP Update and Discussion:

Chapters 1 and 2 have been developed and are being reviewed by members of the ABoVE leadership team. Chapter 2 has been streamlined to articulate the vulnerability diagram and to set the context for Chapter 3. The co-chairs plan to have Chapters 1-3 ready for distribution to the SDT prior to Ottawa.

Questions regarding Chapter 4: In writing the research requirements table for Chapter 4, should the small groups put together a list of all the sensors currently available and collecting relevant measurements in the arctic and boreal regions? Response: Such a list could be very detailed and is not necessary at this stage. It would be better to have detailed descriptions of the appropriate variables to study in ABoVE, and then work on a list of sensors later. If there is a particular sensor you are aware of, add it to the research requirements list, but additional effort in identifying sensors is not needed at this stage.

Note: The National Research Council is hosting a meeting on October 7th which may have relevance for the permafrost group. They will be creating a report that should be completed in January 2014.

Plan Forward:

Small groups should continue working on the research requirements for Chapter 4. On the next telecon (10/09/13) groups will provide progress updates of these requirements. The co-chairs will continue working on integrating the Chapter 3 materials and will distribute the first 3 chapters to the SDT prior to the Ottawa meeting.

Upcoming meetings:

- D.Hayes will be presenting at IBFRA
- P.Griffith will be attending and is on the board for an NSF sponsored Arctic Logistics workshop
- 4th SDT Meeting will be held the first week of December (the 3-5th) near GSFC
- ABoVE will have a town hall meeting at AGU, date TBD
- Next SDT telecon is on 10/09/13